Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Monday 18 Jan 2021 until 23:59 on Tuesday 19 Jan 2021

Forecast Issued on Monday 18 Jan 2021 at 03:31

Confidence: High confidence for an unsettled week ahead and low confidence on where the frontal rainband will be located meaning quite a lot of uncertainty for Snowdonia, however indicators are for a very wet spell from late Monday to Thursday.

Headline for Monday 18 Jan 2021: A dull, damp day on the hills with heavier rain later.

Mountain weather hazards on Monday 18 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Cloudy	Sunny intervals	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
30%	20%	10%	60%	80%	80%

Forecast for Monday 18 Jan 2021

Weather: Quite a dull day with a few flurries of snow possible over the highest ground at first. There will be lots of low cloud around, with poor visibility at times. Perhaps drier for a time late morning, but low cloud filling in again later as a band of rain moves east into the evening. The freezing level rises above the summits in the afternoon.

Chance of cloud free mountain/hill tops above 800m: 30% chance in middle of the day as cloud lifts a little otherwise extensive low cloud associated with outbreaks of drizzle, sleet and rain.

Visibility: Mostly very poor with extensive low cloud with bases around 4-500m in the morning. Visibility improving for a time around lunchtime but becoming poor in the afternoon as heavy rain moves across the area. Cloud bases slightly higher in the east.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 18 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	29/34 W	26/31 W	25/32 SW	26/33 SW	30/38 SW	31/39 SW	32/41 SW
600	18/23 W	16/21 SW	18/24 SW	19/25 S	19/26 SW	21/28 SW	21/29 SW
300	11/21 W	9/20 SW	11/20 SW	11/21 S	12/23 S	12/25 SW	13/25 SW
Valley	12/21 W	10/20 SW	11/20 SW	11/20 S	12/24 S	13/25 SW	13/25 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-8	0/-7	0/-7	1/-6	3/-4	4/-3	4/-3
600	2/-4	2/-4	3/-3	3/-2	5/-0	6/1	6/1
300	4/0	4/0	5/2	5/2	6/3	7/4	7/4
Valley	6/2	5/2	7/3	6/3	7/4	8/5	8/5
Freezing Level*	800m	800m	800m	1300m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some strong gusts around the summits, strong winds will give a significant wind chill effect and freezing level will lift above summits with some thawing of lower snowpack in the evening.

Forecast for Tuesday 19 Jan 2021

Weather: A wet and cloudy day in store as persistent rain is expected throughout the day, this may fall as sleet on the summit of Snowdon but will generally be rain at all levels. There may be a few drier spells on peaks in the south of the Snowdonia depending on the exact location of the rain band however there is uncertainty around this.

Maximum wind: Mainly southwesterly 30-40mph with gusts 45-50mph, gusts up to 65mph on Snowdon summit.

Chance of cloud free mountain/hill tops above 800m: 20% or less, any clearance is more likely around southern mountains.

Visibility: Generally poor or very poor with extensive low cloud from 2-300m upwards. Perhaps the bases will be 4-500m in the south. Difficult navigation is likely in persistent rain.

Temperature: **Valleys:** Around 7 Celsius.
At 800m: Plus 4 Celsius.
Freezing level: Above the summits.

Thursday	Rain and snow beginning to clear east in the early hours and becoming drier and brighter during the day with a few wintery showers. Cold northwesterly winds but good visibility. Freezing level falling to around 600m.
Friday	A cold but dry and bright day with some sunny intervals. Light westerly winds.

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Mountain Weather Forecast

Ground Conditions Supplement
Area - Snowdon
Date - 15 January 2021
Time - 11.30am
Snow Above - 650 metres
Report By - Snowdon Warden

Route Taken
Llanberis path

Conditions
Isolated patches of snow on path.
Steep bank of snow at top of path.
Sections of ice on paths.
Freezing level approx 600 metres Sections of hard, compacted snow remain with frozen ground between these at higher levels. The top of the PYG track has a steep bank of hard, compacted snow which requires crampons and ice axe to travel safely.
Essential Kit
The following is a list of additional kit required based on the current conditions.

Standard winter kit required.
Ice axe and crampons essential.
Additional Information
Follow Welsh Government Covid guidelines - exercise should start from home with no unnecessary travel.

Issued at: 03:31 on Mon 18 Jan 2021

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